

## ABSTRACT

A system and method are described in which a decoder decodes data from a plurality of data streams. In one embodiment, the decoder is restored to the state it was in the last time it processed data from each data stream by re-  
5 decoding data stored in a replay buffer before decoding new data from each respective data stream. In one embodiment, multiple decoders are grouped together to process data from a plurality of satellite transponders.

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